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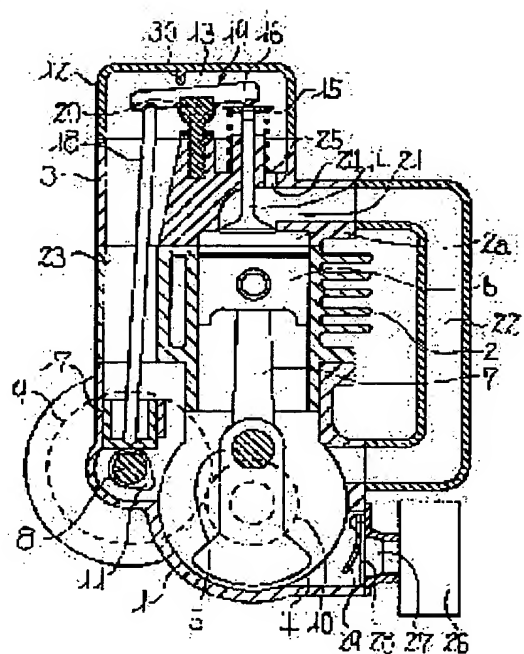
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(54) LUBRICATING DEVICE FOR FOUR-CYCLE ENGINE

(57)Abstract:

PURPOSE: To easily lubricate each part and to improve the intake efficiency of an air-fuel-mixture in a four-cycle engine.

CONSTITUTION: In a four-cycle engine having a crank case 4 in which pressure fluctuates with the reciprocation of a piston 6, an intake passage 27 for mutually communicating a carburetor 26 and the crank case 4 and a valve 28 to allow the introduction of an air-fuel-mixture from the carburetor 26 into the crank case 4 on account of a growth in vacuum pressure in the crank case 4 are provided. An intake port 21 communicating with a cylinder 2a and the crank case 4 are mutually communicated through the first mixture passage 22, and a valve system accommodating space 13 to communicate with the intake port 21 through an opened part 24 and the crank case 4 are mutually communicated through the second mixture passage 23 being a route different from the first mixture passage 22. Thus, a lubricating oil contained in the air-fuel-mixture lubricates each part with the actuation of the engine. In addition to that, because of the passing of the mixture through the first mixture passage 22, the overheating of the mixture can be prevented to improve suction efficiency.



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